

WATERSTOP WORKSHOP

Miscellaneous Issues

Recommended Sealants

1. HYDROTITE by Greenstreak (Sika)
2. ULTRA SEAL MC-2005T by Adeka
3. SIKA SWELL by Sika
4. LEAKMASTER by C.I. Kasei
5. SWELLSEAL by de neef CONCHEM, distributed by Vinylex Corp.

Concrete Placement and Consolidation

Standard Mix

Don't drop more than 6'
24" max. layers
Thorough consolidation

Superplasticizer Mix

Don't drop more than 12'
6' max. layers
Minimal consolidation

Surface vibrators include vibrating screeds, plate or grid vibratory tampers, or vibratory roller screeds.

Mesh rollers, jitter bugs, and grate tampers are finishing tools and not consolidation tools.

Bricks and Chairs

Use only pre-manufactured chairs or blocks with min. 3,500 psi compressive strength.

Support reinforcement a min. of 4' in each direction.

Saw Cutting vs. Crack Formers

- Saw cutting on slabs only – as soon as the slab will support the equipment
- Walls require crack formers

Consolidation Failure



Patch & Repair



Expansion Failure



Brain Failure!

